



## PATENT ABSTRACTS OF JAPAN

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YAMAUCHI SHINICHI**(54) **METHOD AND DEVICE FOR ADJUSTING  
POSITION OF SOLID STATE IMAGE PICKUP  
ELEMENT**

be improved.

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(57) Abstract:

**PROBLEM TO BE SOLVED:** To provide a CCD position adjusting method and a device capable of improving the calculation accuracy of MTF (a modulation transmission function) to be used for the positional adjustment of a CCD and improving the accuracy of positional adjustment.

**SOLUTION:** This position adjusting method adjusts the relative positions of a solid state image pickup element 1 and a lens 3 for forming an optical image on the element 1. A chart 2 provided with plural patterns is arranged on a prescribed position on the object side of the lens 3, the optical images of plural patterns 21 to 23 are successively photoelectrically converted on the same pixel part of the element 1 by moving the chart 2, contrast reproducibility is operated based on the photoelectrically converted signals, and relative positions between the element 1 and the lens 3 are adjusted based on the operated result. Since data obtained from the same objective pixel are used, the accuracy of calculation of contrast reproducibility can

